

WHAT IS CLAIMED IS:

Duh
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1. A cathode ray tube comprising:
a panel on which a phosphor screen is formed;
a cylindrical neck in which an electron gun assembly for generating
5 electron beams is arranged;
a funnel formed between the panel and the neck, and having a
rectangular cone portion formed contiguous to the neck;
an anode button provided on the funnel to supply a voltage in the
funnel; and
10 an inner graphite layer disposed on an inner surface of the funnel to
form a path for transmission of the voltage,
wherein the inner graphite layer satisfies the following condition:
$$0.9 \leq T_d / T_h \leq 1.36$$

where T_d is a thickness of the inner graphite layer on inside corners of
15 the cone portion, and T_h is a thickness of the inner graphite layer disposed on
inside horizontal walls of the cone portion.

2. A cathode ray tube comprising:
a panel on which a phosphor screen is formed;
20 a cylindrical neck in which an electron gun assembly for generating
electron beams is arranged;
a funnel formed between the panel and the neck, and having a

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